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Nackoskie; On the Descending Series for Bessel's Functions of both kinds, by James McMahon; An Elementary Deduction of Taylor's Formulae, by W. H. Echols; On Gauss's Method of Elimination, by Asaph Hall. One problem is proposed.

*The Bulletin of the New York Mathematical Society* for January, has for its leading Article, Modern Mathematical Thought by Professor Simon Newcomb. The other article is Recent Researches in Electricity and Magnetism, by Lieutenant Geo. O. Squier, U. S. A. Notes, and New Publications, fill the last pages. J. M. C.

Several Notices of books and pamphlets intended for this number will appear in the March issue.

*Miscellaneous Notes and Queries*, a Monthly Magazine of History, Folk-Lore, Mathematics, Mysticism, Art, Science etc., published by S. C. and L. M. Gould, Manchester, New Hampshire, edited by S. C. Gould. Price, \$1.00 per year.

We have received the February and March numbers of this Monthly and find it truly full of things curious, quaint and olden, entering into every branch of science, literature, and art. It is a store-house of information to the student desiring many things from many sources. H. C. F.

*Education*, a Monthly Magazine devoted to the Science, Art, Philosophy, and Literature of Education, published by Kasson & Palmer, 50 Broomfield Street, Boston. Price, \$3.00.

The January number of *Education* is before us and presents an entertaining and instructive table of contents, consisting of Secondary Education of Girls in France. A very strong paper on The Unconscious Element in Discipline, by Henry S. Baker of St. Paul, Minnesota. Every one who has made the subject a study will agree that Mr. Baker has touched the key note of discipline in school government. Another especially interesting article is on Western Reserve University, by Emerson O. Stevens, Cleveland, Ohio. Other features are Drawing in General Education, Shortened Writing, State University Library Work, Editorials, Echoes from the Exposition, Department of Professional Study, Foreign Notes, Among the Books, and Periodicals. This Magazine is international in its scope and therefore commends itself to the liberal educator. H. C. F.

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## ERRATA.

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Vol. I., No. 1., p. 11, for John L. Lyle, Westminster College, read John N. Lyle, Westminster College.

p. 13, for Long Branch Depot, read North Branch Depot.

p. 19, solution to problem 2, step 2, for  $\frac{1}{3} = \frac{1}{3} \times \frac{1}{1} = \frac{1}{3} = \frac{1}{9}$  read  $\frac{1}{3} =$

$$\frac{\frac{1}{11} \div \frac{5}{8}}{\frac{1}{11} \div \frac{5}{8}} = \frac{\frac{1}{8}}{\frac{1}{8}} = \frac{1}{13\frac{1}{2}}.$$

p. 21, first line in solution for operations, read operations.

p. 23, problem 7, last line, for  $(y-2mn)^2$ , read  $(y-2am)^2$ .

p. 25, problem 3, for *total length swept over*, read *total area swept over*.